

Sheet 1 of 2

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 114890		APPLICATION NO. 10/756,397	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Patrick CHIU et al.			
				FILING DATE January 14, 2004			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
<i>h.</i>	1	US 6,535,639 B1	03/18/2003	Uchihachi et al.			
<i>h.</i>	2	US 2004/0021685 A1	02/05/2004	Denoue et al.			
<i>h.</i>	3	US 2002/0054083 A1	05/09/2002	Boreczky et al.			
<i>h.</i>	4	U. S. Patent Application No. 10/375,134	02/28/2003	Chiu et al.			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>h.</i>	5	Benford, S., Taylor, I., Brailsford, D., Koleva, B., Craven, M., Fraser, M., Reynard G. and Greenhalgh, C. Three Dimensional Visualization of the World Wide Web ACM Computing Surveys 31(4), December 1999.					
<i>h.</i>	6	Benford, S.D., Snowden, D.N., Greenhalgh, C.M., Ingram, R J., Knox, I. and Brown, C.C., VR-VIBE: A Virtual Environment for Co-operative Information Retrieval, Computer Graphics Forum, 14, (3), pp. 349-360, 1995, NCC Blackwell.					
<i>h.</i>	7	Chiu, P., Boreczky, J., Girgensohn, A., Kimber, D. LiteMinutes: An Internet-based system for multimedia minutes. <i>Proceedings of Tenth World Wide Web Conference (2001)</i> , pp. 140-149. See http://www10.org .					
<i>h.</i>	8	Chuah, M., Roth, S., Mattis, J., Kolojejchick, J. SDM: Selective dynamic manipulation of visualizations, <i>Proceedings of the UIST '95</i> . ACM Press, pp. 61-70.					
<i>h.</i>	9	Denoue, L., Chiu, P., Fuse, T. Shared text input for note taking on handheld devices. <i>CHI '02 Abstracts</i> . ACM Press, pp. 794-795.					
<i>h.</i>	10	Frécon, E., Smith, G. WebPath - A three-dimensional Web history, <i>IEEE InfoVis '98</i> , pp. 3-10.					
<i>h.</i>	11	Girgensohn, A., Boreczky, J., Wilcox, L., and Foote, J. Facilitating video access by visualizing automatic analysis. <i>Proceedings of interact '99</i> . IOS Press, pp. 205-212.					
<i>h.</i>	12	He, L., Sanocki, E., Gupta, A., Grudin, J. Auto-Summarization of Audio-Video Presentations, <i>Proceedings of MultiMedia '99</i> , pp. 489-498.					
<i>h.</i>	13	Learning Landscape, ETH (Federal Institute of Technology Zurich), [http://web.archive.org/web/20011015075552/www.dgj.ch/ethworld/] November 22, 2001.					
<i>h.</i>	14	McKinney, K., Fischer, M., Kunz, J. Visualization of construction planning information. <i>Proceedings of IUI '98 Conference</i> . ACM, New York, pp. 135-138.					
<i>h.</i>	15	Mukhopadhyay, S. and Smith, B. Passive capture and structuring of lectures. <i>Proc. ACM Multimedia '99</i> . ACM, New York, pp. 477-487.					
<i>h.</i>	16	Rao, R., Card, S. The Table Lens: merging graphical and symbolic representations in an interactive focus + context visualization for tabular information. <i>Proceedings of CHI '94</i> . ACM, New York, pp. 318-322, 481-482.					
<i>h.</i>	17	Robertson, G., Card, S., Mackinlay, J. Information visualization using 3D interactive animation. <i>Communications of the ACM</i> , 36 (4) (1993), 57-71.					
EXAMINER <i>Nichelle Kray</i>					DATE CONSIDERED 06.15.05		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: April 15, 2004

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h.	18	Resnick, P., Neophytos, I., Suchak, M., Bergstrom, P., and Ridel, J. GroupLens: An Open Architecture for Collaborative Filtering of Netnews. <i>Proceedings of CSCW '94</i> . ACM, New York, pp. 175-186.					
h.	19	Smoliar, S.W., Zhang, H.J. Content-based video indexing and retrieval. <i>IEEE MultiMedia</i> , Summer 1994, pp. 62-72.					
h.	20	Snowdon, D., Benford, S., Greenhalgh, C., Ingram, R., Brown, C., Fahlén, L. and Stenius, M., A 3D Collaborative Virtual Environment for Web Browsing, in <i>Virtual Reality Universe '97</i> . Westin Santa Clara Hotel, California, USA, April 1997.					
h.	21	Terveen, L., Hill, W., Amento, B., McDonald, D., and Creter, J. PHOAKS: A System for Sharing Recommendations. <i>Communications of the ACM</i> , 40(3), March 1997, pp. 59-62.					
h.	22	Uchihashi, S., Foote, J. Summarizing video using a shot importance measure and a frame-packing algorithm. <i>Proc. ICASSP '99</i> , Vol. 6, pp. 3041-3044.					
h.	23	Wright, W. Information animation applications in the capital markets. <i>Proceedings IEEE InfoVis '95</i> , pp. 19-25, 136-137.					
h.	24	Yeung, M.M., Yeo, B.L. Video visualization for compact presentation and fast browsing of pictorial content. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , Vol. 7, No. 5 (Oct 97), pp. 771-785.					
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